

**GIGABIT PASSIVE OPTICAL NETWORK**  
connects Australia's greenest mixed-use  
urban precinct.

OptiComm is proud to have been appointed as the provider of wholesale telecommunications and network services for the iconic \$2B Central Park development in Chippendale; described as Australia's greenest mixed-use urban precinct.

Located opposite the University of Technology Sydney and close to Sydney's Central Station, the redevelopment of the old Carlton & United Brewery site occupies 5.8 hectares of land and delivers 235,000 sqm of prime real estate.

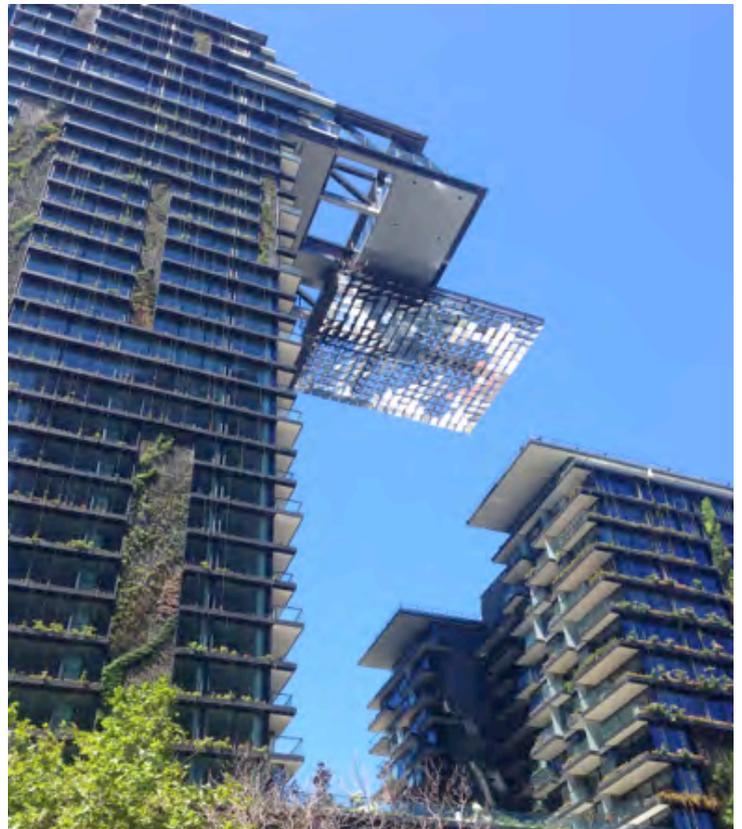
This ultra-green, 5 Green Star rated development by Frasers Property and Sekisui House, consists of 2,200 apartments across 8 towers, 25,000 sqm commercial office space, student dwellings, heritage buildings, new parklands, a 5 level 20,000 sqm shopping centre, a future boutique hotel and a range of new community facilities.

Central Park's green credentials extend beyond the massive vertical green walls that grace One Central Park. Central Park houses the largest membrane bioreactor recycled water facility in the world. The development also houses a gas powered tri-generation energy system that uses waste heat from power generation to create hot water and chilled water which provides space heating and cooling to the entire development.

**OptiComm's ultra high-speed fibre optic GPON network connects Central Park's next generation telecommunication and building automation systems. The network provides 100 Mbps Internet, phone, Foxtel, Freeview TV, video intercom, CCTV and connectivity for the energy monitoring system in every apartment.**

The renowned French firm, Ateliers Jean Nouvel designed the first residential stage of Central Park called 'One Central Park' which consists of two towers of 16 and 33 storeys. The eastern tower features a passive solar heliostat that extends from the upper levels with an awe-inspiring cantilever. The heliostat includes a system of fixed and motorised mirrored panels designed to capture and re-direct sunlight into the retail atrium and onto the landscaped terraces below. By night, the heliostat's integrated lighting display comes to life in an art piece known as 'Sea Mirror', designed by Yann Kersale.

**CentralPark**  



**CONTACT US**

OptiComm has offices in every state of Australia. If you'd like to learn how a fibre connected community could benefit your next development project please contact us.  
SYDNEY MELBOURNE PERTH ADELAIDE BRISBANE HOBART National 1300 048 054 Enquiries [sales@opticomm.net.au](mailto:sales@opticomm.net.au) Web [www.opticomm.net.au](http://www.opticomm.net.au)

## **WE UNDERSTAND PROPERTY DEVELOPMENT AND THE FUTURE OF COMMUNICATIONS**

OptiComm understands the current challenges of modern communications in property developments. The demanding engineering requirements of smart buildings and the challenge of master planned communities are just the start. Today, the rising expectations of your customers now require that speed, reliability, capacity and flexibility are essential ingredients to successful project outcomes.

We recognise that high-speed communication is more than just Internet access. Today's modern, scalable, resilient telco grade networks can be built using fibre optic GPON technology which is capable of delivering an extensive range of end-to-end Internet and data services. These include ultra high-speed Internet, telephone, community WiFi, Pay and Freeview TV, CCTV networks and building automation, building communication and energy monitoring networks.

## **WE ARE THE EXPERTS IN PASSIVE OPTICAL NETWORKS**

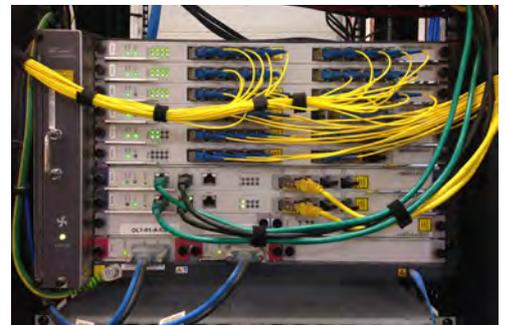
Gigabit Passive Optical Networks (GPON) are our speciality. Designed, installed and operated by OptiComm, our GPON's provide a truly scalable network with future capacity to deliver up to a gigabit of bandwidth to each endpoint. OptiComm networks deliver a high capacity range of telecommunication services to your customers, including:

- Wholesale Internet (with a capacity to support multiple Internet Service Providers)
- Telephone
- Free to Air TV
- Foxtel (PayTV)

## **BEYOND TELECOMMUNICATIONS**

Smart Buildings require smart communications infrastructure. While GPON delivers all standard telecommunication services, it can also interconnect a wide range of building management and monitoring systems such as:

- Energy Management Systems
- Building Management Systems
- Building Security Access Control Systems
- Fire Services
- Public WiFi
- Retail EFTPOS
- Lift and Escalator Control Systems
- BMU Hoist Phones
- Irrigation Control Systems
- Digital Media Systems



## **ABOUT OPTICOMM**

OptiComm is Australia's leading independent telecommunications carrier, specialising in the design, construction, operations and maintenance of Fibre-to-the-Premises (FTTP) networks for new residential and business developments. OptiComm pioneered the first 'open-access, wholesale only' business model and since its formation in 2005, has now grown to become the single largest provider and operator of FTTP services across Australia. OptiComm now has more than 65 projects under development and is contracted to deliver services to over 150,000 ultra high-speed network endpoints in a range of residential, commercial and mixed-use precincts.

## **OUR SERVICES**

OptiComm provides turnkey design, build and operate telecommunications and building network services for a diverse range of property developments, including:

- Greenfield Master Planned Communities
- Multi-Dwelling & High Rise Apartments
- Retirement Villages
- Commercial Precincts & Retail Shopping Centres
- Business Parks



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